

Name _____ Date _____

**4.2A ADDING AND SUBTRACTING
POLYNOMIALS**

Write each sum or difference as a polynomial in standard form

1. $(7x + 6) + (9x + 5) =$

2. $(11x - 9) + (4x + 3) =$

3. $(12x + 5) - (9x + 7) =$

4. $(9x - 4) - (2x - 7) =$

5. $(7x^2 + 9x - 4) + (2x^2 + 5x + 1) =$

6. $(11x^2 - 4x + 9) + (2x^2 + 9x - 3) =$

7. $(11x^2 - 4x + 3) - (7x^2 + 2x - 8) =$

8. $(7x^2 - 4x + 3) - (14x^2 + 9x - 2) =$

9. $(4x^3 - 3x^2 + 5x + 11) + (5x^3 + 9x - 7) =$

10. $(13x^3 - 7x - 11) + (4x^3 - 3x^2 + 5x + 6) =$

11. $(4x^3 + 11x^2 - 7x + 3) - (9x^3 + 4x^2 + 8) =$

12. $(9x^3 - 4x^2 - 7x) - (16x^3 + 7x^2 - 5x + 2) =$

13. $(12x^5 - 5x^3 - 9x^2) + (7x^3 - 2x^2 + 11) =$

14. $(5x^2 + 13x - 7) - (11x^4 + 7x^2 - 2x + 9) =$